

## Form PTO-1449 (modified)

Atty. Docket No.  
DEKA:264/REHSerial No.  
09/606,808

## Applicant

James R. Larkins et al.

Filing Date:  
June 28, 2000Group:  
Unknown

## U.S. Patent Documents

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## Foreign Patent Documents

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## Other Art

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## U.S. Patent Documents

Exam. Inpt.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	4,677,246	06-30-87	Armond <i>et al.</i>	800	1	04-26-85
	A2	4,767,888	08-30-88	Ayotte <i>et al.</i>	800	1	02-24-87
	A3	4,517,763	06-21-85	Beversdorf <i>et al.</i>	47	58	05-11-83
	A4	4,658,084	04-14-87	Beversdorf <i>et al.</i>	800	1	11-14-85
	A5	4,685,085	04-14-87	Beversdorf <i>et al.</i>	800	1	11-14-85
	A6	3,903,645	09-09-75	Bradner	47	58	03-29-74
	A7	4,751,347	06-14-88	Erickson	800	1	11-07-86
	A8	4,627,192	12-09-86	Fick	47	58	11-16-84
	A9	4,581,847	04-15-86	Hibbard <i>et al.</i>	47	58	02-21-85
	A10	4,642,411	02-10-87	Hibbard <i>et al.</i>	800	1	04-26-85
	A11	4,629,819	12-16-86	Lindsey	800	1	04-29-85
	A12	4,654,465	03-31-87	Lindsey	800	1	01-29-87
	A13	4,731,499	04-15-88	Puskaric <i>et al.</i>	800	1	1-29-87
	A14	4,737,596	04-12-88	Seifert <i>et al.</i>	800	1	09-25-85
	A15	4,686,319	08-11-87	Shiffriss	800	1	01-11-85
	A16	4,626,610	12-02-86	Sun	800	1	02-21-85
	A17	4,594,810	06-17-86	Troyer	47	58	02-21-85
	A18	4,607,453	08-26-86	Troyer	47	58	02-21-85
	A19	4,368,592	01-18-83	Welch	47	58	07-27-81
	A20	5,276,263	01-04-94	Foley	800	200	12-06-91

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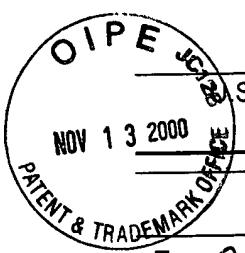
List of Patents and Publications for Applicant's

**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

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UnknownU.S. Patent Documents  
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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	0 270 356	02-12-87	Europe			

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C1	Chandler <i>et al.</i> , "Two Regulatory Genes of the Maize Anthocyanin Pathway Are Homologous: Isolation of B Utilizing R Genomic Sequences," <i>The Plant Cell</i> , 1:1175-1183, 1989. <i>g</i>
	C2	Culotta, "How many Genes Had to Change to Produce Corn," <i>Science</i> , 252:1792-1793, 1991. <i>z</i>
	C3	Duvick, "Genetic Contributions to Yield Gains of U.S. Hybrid Maize, 1930 to 1980," <i>Genetic Contributions to Yield Gains of Five Major Crop Plants: Proceedings of a Symposium</i> sponsored by Div. C-1, Crop Science Society of America, December 2, 1981 in Atlanta, Georgia; W.R. Fehr, Crop Science Society of America and American Society of Agronomy, Madison, Wisconsin, pp. 15-47. <i>18</i>
	C4	Green & Rhodes, "Plant Regeneration in Tissue Cultures of Maize," <i>Maize for Biological Research</i> , ed. W.F. Sheridan, A Special Publication of the Plant Molecular Biology Association, pp. 367-372, 1982.
	C5	Hauptmann <i>et al.</i> , "Evaluation of Selectable Markers for Obtaining Stable Transformants in the Gramineae," <i>Plant Physiol.</i> , 86:602-606, 1988.
	C6	Larson & Hanway, "Corn Production," <i>Corn and Corn Improvement</i> , ed. G.F. Sprague, No. 18 in Agronomy Series, American Society of Agronomy, Inc., Madison, Wisconsin, pp. 625-669, 1977.
	C7	Ludwig <i>et al.</i> , "A Regulatory Gene as a Novel Visible Marker for Maize Transformation," <i>Science</i> , 247:449-450, 1990.
	C8	Poehlman, <i>Breeding Field Crops</i> , 3rd ed., AVI Publishing Company, Westport, Connecticut, pp. 469-481, 1987.
	C9	Sprague & Eberhart, "Corn Breeding," <i>Corn and Corn Improvements</i> , ed. G.F. Sprague, No. 18 in Agronomy Series, American Society of Agronomy, Inc., Madison, Wisconsin, pp. 305-323, 1977.

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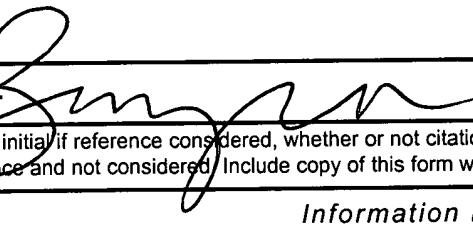
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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C10	Troyer, "A Retrospective View of Corn Genetic Resources," <i>Journal of Heredity</i> , 81:17-24, 1990.
	C11	Withers & King, "Proline: A Novel Cryoprotectant for the Freeze Preservation of Cultured Cells of <i>Zea mays</i> L.," <i>Plant Physiol.</i> , 64:675-578, 1979.
	C12	Armstrong & Green, "Establishment and Maintenance of Friable Embryogenic Maize Callus and the Involvement of L-Proline," <i>Planta</i> , 164:207-214, 1985.
	C13	Edallo <i>et al.</i> , "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>in vitro</i> Culture and Plant Regeneration in Maize," <i>Maydica</i> , 26:39-56, 1981.
	C14	Gordon-Kamm <i>et al.</i> , "Transformation of Maize Cells and Regeneration of Fertile Transgenic Plants," <i>The Plant Cell</i> , 2:603-618, 1990.
	C15	Green & Phillips, "Plant Regeneration from Tissue Cultures of Maize," <i>Crop Science</i> , 15:417-421, 1975.
	C16	Hallauer <i>et al.</i> , "Corn Breeding," <i>Corn and Corn Improvement</i> , eds., Sprague <i>et al.</i> , Madison, Wisconsin, Ch. 8, pp. 463-564, 1988.
	C17	MBS, Inc., <i>Genetics Handbook</i> , 17th ed., MBS, Inc., Ames, Iowa, pp. 3 & 19, 1990.
	C18	Meghji <i>et al.</i> , "Inbreeding Depression, Inbred and Hybrid Grain Yields, and Other traits of Maize Genotypes Representing Three Eras," <i>Crop Science</i> , 24:545-549, 1984.
	C19	Phillips <i>et al.</i> , "Cell/Tissue Culture and <i>in vitro</i> Manipulation," <i>Corn and Corn Improvement</i> , eds., Sprague <i>et al.</i> , Ch. 5, pp. 345-387, 1988.
	C20	Rieger <i>et al.</i> , <i>Glossary of Genetics and Cytogenetics, Classical and Molecular</i> , Springer-Verlag, Berlin, p. 116, 1976.
	C21	Rhodes <i>et al.</i> , Genetically Transformed Maize Plants from Protoplasts," <i>Science</i> , 240:204-207, 1988.
	C22	Wright, "Commercial Hybrid Seed," <i>Hybridization of Crop Plants</i> , Fehr <i>et al.</i> , eds. Am. Soc. of agron.-Crop Sci. Soc. of Am., Madison, Wisconsin, Ch. 8, pp. 161-176, 1980.
	C23	Wych, "Production of Hybrid Seed Corn," <i>Corn and Corn Improvement</i> , eds., Sprague <i>et al.</i> , Madison, Wisconsin, Ch. 9, pp. 565-607, 1988.

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Exam. Init.	Ref. Des.	Citation
	C24	Gerdes and Tracy, "Diversity of Historically Important Sweet Corn Inbreds Estimated by RFLP's, Morphology, Isozymes, and Pedigree," <i>Crop Science</i> , 34(1):26-33, 1994.
	C25	Conger <i>et al.</i> , "Somatic Embryogenesis from Cultured Leaf Segments of <i>Zea Mays</i> ," <i>Plant Cell Reports</i> , 6:345-347, 1987.
	C26	Duncan <i>et al.</i> , "The Production of Callus Capable of Plant Regeneration from Immature Embryos of Numerous <i>Zea Mays</i> Genotypes," <i>Planta</i> , 165:322-332, 1985.
	C27	Fehr (ed.), <i>Principles of Cultivar Development</i> , Vol. 1: <i>Theory and Technique</i> , pp. 360-376, 1987.
	C28	Gaillard <i>et al.</i> , "Optimization of Maize Microspore Isolation and Culture Condition for Reliable Plant Regeneration," <i>Plant Cell Reports</i> , 10(2):55, 1991.
	C29	Jensen, "Chromosome Doubling Techniques in Haploids," <i>Haploids and Higher Plants--Advances and Potentials, Proceedings of the First International Symposium</i> , University of Guelph, June 10-14, 1974.
	C30	Nienhuis <i>et al.</i> , "Restriction Fragment Length Polymorphism Analysis of Loci Associated with Insect Resistance in Tomato," <i>Crop Science</i> , 27:797-803, 1987.
	C31	Pace <i>et al.</i> , "Anther Culture of Maize and the Visualization of Embryogenic Microspores by Fluorescent Microscopy," <i>Theoretical and Applied Genetics</i> , 73:863-869, 1987.
	C32	Poehlman & Sleper (eds), <i>Breeding Field Crops</i> , 4th Ed., pp. 172-175, 1995.
	C33	Rao <i>et al.</i> , "Somatic Embryogenesis in Glume Callus Cultures," <i>Maize Genetics Cooperation Newsletter</i> , Vol. 60, 1986.
	C34	Songstad <i>et al.</i> , "Effect of 1-Aminocyclopropene-1-Carboxylic Acid, Silver Nitrate, and Norbornadiene on Plant Regeneration from Maize Callus Cultures," <i>Plant Cell Reports</i> , 7:262-265, 1988.
	C35	Stuber <i>et al.</i> , "Techniques and scoring procedures for starch gel electrophoresis of enzymes of maize <i>C. Zea mays, L.</i> ," <i>Tech. Bull.</i> , N. Carolina Agric. Res. Serv., Vol. 286, 1988.
	C36	Wan <i>et al.</i> , "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus," <i>Theoretical and Applied Genetics</i> , 77:889-892, 1989.

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Exam. Init.	Ref. Des.	Citation
	C37	Beckmann and Soller, "Restriction Fragment Length Polymorphisms in Plant Genetic Improvement," Oxfors Surveys of Plant Molecular & Cell Biology, 3:196-250, 1986.
	C38	Smith and Smith, "Restriction Fragment Length Polymorphisms Can Differentiate Among U.S. Maize Hybrids," Crop Sci., 31:893-899, 1991.
	C39	USAN 08/181,019 entitled "Inbred Corn Plant MM402A", filed January 13, 1994, B. Woodruff.
	C40	USAN 08/702,920 entitled "Inbred Corn Plant NL054B and Seeds Thereof", filed August 26, 1996, G. Stangland.

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